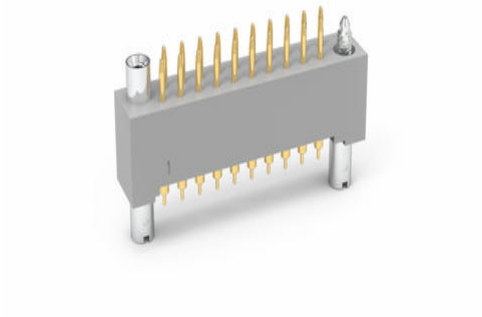
molex



Part Number : WTA20PCJT
Product Description : AirBorn W Series Rectangular Board Mount Plug with Pin Contacts, Vertical, Solder Cup, Dual Row, 0.100"/2.54mm Pitch, Plastic Body, without Mounting Ears, Turning Jackset (.500"), 20 Circuits
Status : Active
Product Category : I/O Connectors

Documents and Resources

Specifications

Materials Specification

Performance Specification

Face Seal Gaskets (WTA-WTB Series)

Hoods (WTA-WTAX Series)

Solder Cup Adapter Sleeve, Coax Removal Tool, Extension Nuts

Nut Spanner Wrenches, Insertion & Removal Tools, Crimp Tools & Positioners

Contacts (WT, WTA, WTB, WTK, WG, WGA)

Hardware Availability (pg 1)

Hardware Availability (pg 2)

Polarizing Pin Applications

Dimensional Information

Hardware Dimensions (Fixed & Turning)

Part Number Buildup

Part Details

General

Status	Active
Category	I/O Connectors
Description	AirBorn W Series Rectangular Board Mount Plug with Pin Contacts, Vertical, Solder Cup, Dual Row, 0.100"/2.54mm Pitch,

	Plastic Body, without Mounting Ears, Turning Jackset (.500"), 20 Circuits
Application	Wire-to-Board
Comments	Pin, Straight, Solder Cup,(.035" I.D.)
Component Type	Plug
Contact Type	Pin
Product Name	AirBorn W Series

Electrical

Current - Maximum per Contact	5.0A
Data Rate	1.0 Gbps
Voltage - Maximum	1000V

Physical

Circuits (Loaded)	20
Circuits (maximum)	20
Color - Resin	Gray
Durability (mating cycles max)	500
Gender	Male
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Locking Type	Turning Jackset, 0.500"
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Shell	Polyphenylene Sulfide
Mounting Style	Without Mounting Ears
Number of Rows	2
Orientation	Vertical
Packaging Type	Tray
Panel Mount	No
Pitch - Mating Interface	0.100" (2.54mm)
Pitch - Termination Interface	0.100" (2.54mm)
Plating min - Mating	50µ”

Polarized to Mating Part	No
Temperature Range - Operating	-65° to +125°C
Termination Interface Style	Solder Cup

Mates With / Use With

Mates with Part(s)

Description
Rectangular, Plastic, 2 Row, Vertical Board or Cable Mount Receptacle
Rectangular, Plastic, 2 Row, Vertical/Right Angle Board or Cable Mount Receptacle
Rectangular, Plastic, 2 Row, Vertical/Right Angle Board or Cable Mount Receptacle
Rectangular, Plastic, 2 Row, Crimp Removable Cable Mount Receptacle
Rectangular, Plastic, 2 Row, Crimp Removable Cable Mount Receptacle
Rectangular, Plastic, 2 Row, Right Angle Board or Cable Mount Receptacle